327 IAC 8-10-11 Secondary Maximum Contaminant Levels

Authority:

Affected:

Sec. 11. (a) A public water supply shall be continuously operated and maintained so that the water is:

(1) safe in quality;

(2) clean and adequate in quantity; and

(3) chemically satisfactory for ordinary domestic consumption

(b) A public water supply shall test for the following aesthetic effects:

(1)Color which may be affected by the following contaminants:

(A) Aluminum.

(B) Copper.

(C) Foaming Agents.

(D) Iron.

(E) Manganese.

(F) Total Dissolved Solids.

(2) Odor and taste which may be affected by the following contaminants:

(A) Chloride.

(B) Copper.

(C) Foaming Agents.

(D) Iron.

(E) Manganese.

(F) pH.

(G) Sulfate.

(H) Threshold Odor Number (TON).

(I) Total Dissolved Solids.

(J) Zinc.

(3)Foaming.

(c) A public water supply shall test for the following cosmetic effects:

(1) Skin discoloration which may be caused by silver.

(2) Tooth discoloration which may be caused by fluoride.

(d) A public water supply shall test for the following technical effects:

(1) Corrosivity which may be caused by the following contaminants:

(A) Chloride.

(B) Copper.

(C) Iron.

(D) Manganese.

(E) pH.

(F) Total Dissolved Solids.

(G) Zinc.

(2) Scaling and sedimentation which may be caused by the following contaminants:

(A) Iron.

(B) pH.

(C) Total Dissolved Solids.

(D) Aluminum.

(e) A public water supply shall comply with the following secondary contaminant levels listed in the table below:

Table 11-1: SECONDARY MAXIMUM CONTAMINANT LEVELS

CONTAMINANT	SECONDARY MCL
Aluminum	**0.05 to 0.2 mg/L***
Chloride	**250 mg/L**
Color	**15 color units**
Copper	**1.0 mg/L**
Corrosivity	**Non-corrosive**
Fluoride	**2.0 mg/L**
Foaming Agent	**0.5 mg/L**
Iron	**0.3 mg/L**
Manganese	**0.05 mg/L**
Odor	**3 TON (threshold odor number)**
pH	**6.5-8.5**
Silver	**0.1 mg/l**
Sulfate	**250 mg/L**
Total Dissolved Solids (TDS)	**500 mg/L**
Zinc	**5 mg/L**
mg/L is milligrams of substance per liter of water	